

Title (en)
APPLIANCE FOR THE REALIZATION OF THERMAL OPERATIONS IN DENTAL PRACTICE

Publication
EP 0024335 B1 19830622 (DE)

Application
EP 80104670 A 19800807

Priority
DE 2933269 A 19790816

Abstract (en)
[origin: EP0024335A1] 1. A device for the implementation of heat processes in dentistry practice, employing an optical focal system (7, 8) comprising a radiator (3) which is arranged in a housing (2) and supplies a high proportion of infra-red radiation, a reflector (8) to focus the beam at a focal point located outside of the radiator, characterised in that the optical focal system (7, 8) is arranged in such manner as to produce a perpendicular heat radiation, and the position of the external focal point can be displaced in such manner as to enable the formation of a plurality of operating points (13, 16) at which the beams are focussed, and that at an operating point (13) adjacent to the reflector (8), or in the direct vicinity of this point there is arranged a heat-resistance cover (12) which admits at least the infra-red radiation and which is used as an operating surface.

IPC 1-7
A61C 13/20

IPC 8 full level
A61C 13/15 (2006.01); **A61C 13/38** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP)
A61C 19/003 (2013.01); **H05B 3/0085** (2013.01)

Cited by
CN107367783A; EP1464904A1; EP0615763A3; GB2225642A; GB2225642B; GB2212038A; GB2212038B; EP0154561A3; JPH0442809U; DE202010004830U1

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